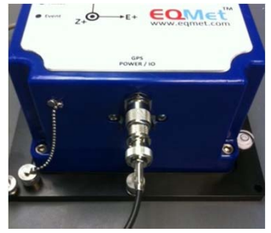
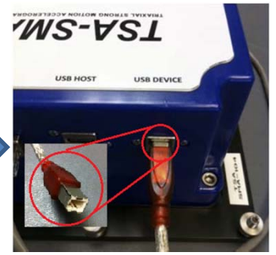
TSA-SMA QUICK SET UP GUIDE

1 Carefully unpack your TSA-SMA and check it is not damaged and all accessories are present.

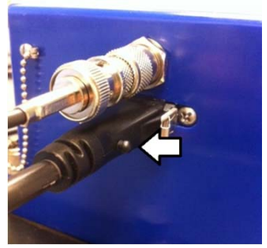
2 Connect a standard Ethernet Cable to the TSA-SMA and then to your Local Area Network (LAN).



3 Place the GPS Antenna where it has a good view of the sky and connect it to the TSA-SMA. (Shown here using a BNC to TNC adapter)



4 Connect a USB cable to the USB Device port on the TSA-SMA and to the an available USB port on your computer (see detail)

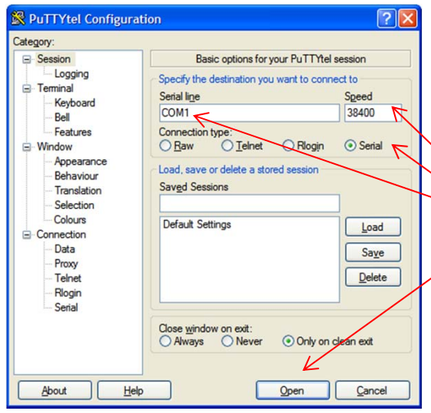


5 Connect the power connector to the TSA-SMA and connect to the AC (If you have a DC power or battery charging system refer to the supplied document)

6 The TSA-SMA's Power LED will turn green and then the Status LED will turn Orange for several minutes as the system charges its internal UPS system. When Status flashes green you can connect to the unit

```
Debian GNU/Linux 6.0 TSASMA ttyS0

TSASMA login: root
Password:
Last login: Thu Jul 28 13:12:48 UTC 2011 on ttyS0
Linux TSASMA 2.6.38.8 #20 PREEMPT Mon Jul 25 23:28:19 PDT 2011 armv5tejl

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.

(For product info visit www.kinemetrics.com)

TSASMA:~# ipaddr eth0
10.0.1.85
TSASMA:~#
```

7



Before proceeding, make sure to install the PuTTYtel program that you can download from www.eqmet.com, and to make sure the USB device driver is installed as shown **HERE**

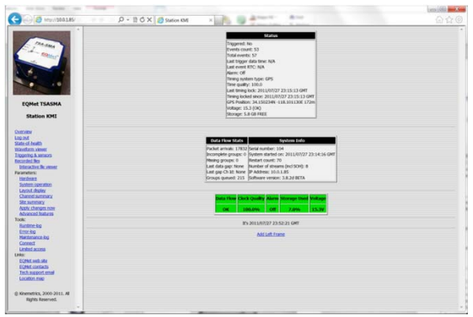
The USB device connection presents as a serial port on your PC. Select Serial connection, COM port, and then press Open. Speed is not important.

You may have to get the COM port number for the Gadget Serial from the Windows Device Manager.

Note also that user names and passwords are case sensitive and must be entered in lower case.

8 Using a terminal program such as HyperTerminal or PuTTYtel, log in to the digitizer using user "root" with password "kmi".

Type "ipaddr eth0" <return> and the unit will give you its Ethernet IP Address.



9 Now use a web browser to connect to the IP address using the user name "rock" and the password "kmi" - now you can operate your TSA-SMA using the Web Interface.

10 Using the Web Interface record a sensor test or review the live data using the Waveform Viewer. See the TSA-SMA User's manual p/n 300950 for additional details.

After you have configured your unit it should be installed in its permanent location. Level it and bolt it down securely using the three mounting holes to ensure accurate recordings of earthquake motion.

To use the USB Device connection on Windows *the first time*, you will have to install a device driver. The driver, `linux-cdc-acm.inf` is available on the web site www.eqmet.com

To install the driver on Windows 7:

- Unplug the USB cable from the PC
- Copy `linux-cdc-acm.inf` to the desktop
- Plug the USB cable into the PC
- Windows will attempt to install Gadget Serial driver v2.4 – this driver will be replaced
- Find the Gadget Serial under Ports in the Device Manager and right click to Update Driver
- Click Browse My Computer For Driver Software
- Click Let Me Pick From a List of Drivers
- Click Have Disk (don't pick what's shown)
- Browse to Where the INF file is located
- Select the driver, click Open
- Click OK
- Click Next
- Ignore warnings, use anyway
- When done installing, unplug the USB cable, wait 5 seconds, and plug back in
- Get COM port number from the Device Manager

This guide is intended to provide a simple initial out-of-the-box sequence for starting up your TSA-SMA. It in no way is a comprehensive operating guide. For details on further setup of the system, including configuration, features, and support software, please see the TSA-SMA User's manual p/n 300950 available from www.eqmet.com

P/N 300951 Rev. NC